



**National
Aeronautical
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Title : PRESSURE DISTRIBUTIONS ON AN
UNDER-WATER STORE : I

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Abstract :

Pressure distributions have been computed for an under-water store with an ogive nose in incompressible potential flow at angles of attack 0° , 3° , 6° and 9° . The Hess and Smith panel method was used to calculate the pressures. The configuration was represented by 1800 panels.

This work was carried out for NSTL (Naval Science Technology Laboratory), Vishakapatnam.